



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

The Application of)
Peele)
Serial No. 09/317,480)
Filed: 5/24/99)
For: Dynamic Channel Allocation in a)
Sectored Cell of a Cellular)
Communication System)
Attorney's Docket No. P-4015.279

Patent Examiner: Lockett, E.
Art Unit: 2681

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BOX Non-Fee Amendment
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Response to Office Action of February 28, 2001

The Official Office Action dated February 28, 2001, has been carefully considered. In light thereof, Applicants submit the following remarks.

Remarks

The present invention comprises the dynamic allocation of channels within a sectored cell of a cellular communication network. Available channels are allocated in groups to particular cells based on any of a number of frequency reuse patterns. Each cell is divided into sectors, and the channels assigned to a cell are allocated in subgroups to the sectors. A controller local to each base station monitors the use of channels within cell sectors, and dynamically re-allocates one or more channels to a

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